

ABSTRACT OF THE DISCLOSURE

The present invention relates to a structure and manufacturing method of an abrasive article. In this method, a base layer is first formed to affix abrasive particles on a substrate. Gaps between the abrasive particles are then filled with corrosion-resistant particles and a fixation layer is formed to affix the corrosion particles on the base layer. Further, a binding layer is formed on the base layer. Finally, the substrate, the base layer and the fixation layer are removed to expose the abrasive particles, and the binding layer is the bottom of the abrasive article formed thereby.

10 An abrasive surface formed by the abrasive particles is at about the same level. The binding layer surrounding the abrasive particles form a concave surface and increase adhesion.

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